

Title (en)
WIRELESS COMMUNICATION SYSTEM AND USER DEVICE

Title (de)
DRAHTLOSKOMMUNIKATIONSSYSTEM UND BENUTZERVORRICHTUNG

Title (fr)
SYSTÈME DE COMMUNICATION SANS FIL ET DISPOSITIF UTILISATEUR

Publication
EP 3457722 A4 20191106 (EN)

Application
EP 17796212 A 20170511

Priority

- JP 2016096560 A 20160512
- JP 2017017785 W 20170511

Abstract (en)
[origin: EP3457722A1] Provided are a radio communication system and user device that enable smooth interworking in a radio resource control (RRC) layer in the case of implementing interworking between systems by LTE assisted 5G, 5G assisted LTE, or the like. The radio communication system includes an eNB 100 conforming to LTE and a 5G-BS 200 conforming to 5G. The eNB 100 includes an RRC function unit 110 that performs control based on LTE-RRC, which is an RRC protocol in LTE. The 5G-BS 200 includes an RRC function unit 210 that performs control based on 5G-RRC, which is the RRC protocol in 5G. The RRC function unit 210 has at least a function not specified in LTE-RRC.

IPC 8 full level
H04W 4/00 (2018.01); **H04L 12/46** (2006.01); **H04W 72/04** (2009.01); **H04W 88/06** (2009.01); **H04W 88/08** (2009.01); **H04W 88/10** (2009.01); **H04W 92/20** (2009.01)

CPC (source: EP US)
H04W 4/00 (2013.01 - EP US); **H04W 48/18** (2013.01 - US); **H04W 72/04** (2013.01 - US); **H04W 76/27** (2018.01 - US); **H04W 88/06** (2013.01 - US); **H04W 88/08** (2013.01 - EP US); **H04W 92/20** (2013.01 - EP US); **H04W 88/06** (2013.01 - EP); **H04W 92/02** (2013.01 - US)

Citation (search report)

- [X] SAMSUNG: "On the need of new DRB types in 5G", vol. RAN WG2, no. Dubrovnik, Croatia; 20160411 - 20160415, 1 April 2016 (2016-04-01), XP051082041, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_93bis/Docs/> [retrieved on 20160401]
- See references of WO 2017195854A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3457722 A1 20190320; **EP 3457722 A4 20191106**; **EP 3457722 B1 20230322**; CN 109076630 A 20181221; CN 109076630 B 20220830; ES 2942759 T3 20230606; JP 6913674 B2 20210804; JP WO2017195854 A1 20190307; PT 3457722 T 20230417; US 11265956 B2 20220301; US 2019124716 A1 20190425; WO 2017195854 A1 20171116; ZA 201808325 B 20201028; ZA 202001129 B 20210825

DOCDB simple family (application)
EP 17796212 A 20170511; CN 201780029241 A 20170511; ES 17796212 T 20170511; JP 2017017785 W 20170511; JP 2018517071 A 20170511; PT 17796212 T 20170511; US 201716300383 A 20170511; ZA 201808325 A 20181210; ZA 202001129 A 20200224